## **EXHIBIT 2**

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1
                UNITED STATES DISTRICT COURT
 2
                 EASTERN DISTRICT OF MICHIGAN
 3
                      SOUTHERN DIVISION
 4
 5
                                  ) Civil Action No.:
    IN RE: FLINT WATER CASES ) 5:16-cv-10444-JEL-MKM
 6
                                  ) (consolidated)
7
                                  ) Hon. Judith E. Levy
    _____)
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       REMOTE VIDEOTAPED DEPOSITION OF NICOLE ALEXANDER
11
                       October 27, 2022
12
                          9:03 a.m.
13
14
15
               Remote videotaped deposition of NICOLE
16
    ALEXANDER, commencing at 9:03 a.m., Thursday, October
17
    27, 2022, before Juliana F. Zajicek, Registered
18
    Professional Reporter, Certified Shorthand Reporter
19
    and Certified Realtime Reporter.
20
21
22
23
                  GOLKOW LITIGATION SERVICES
              877.370.3377 ph | 917.591.5672 fax
24
                       Deps@golkow.com
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- Q. Okay. And you are referring to the -- the
- other area where you are referring to where, you know,
- 3 maybe Mr. Croft or Mr. Johnson stopping by is the
- 4 offices on the ground floor?
- 5 A. Correct, yeah.
- 6 Q. Okay. Gotcha. All right.
- 7 Emergency manager Darnell Earley, did you
- 8 see him around the plant in early 2014?
- 9 A. I did not, no.
- 10 Q. What about Dayne Walling who was the Mayor
- and also the chairman of the KWA, did you see him
- 12 around the plant?
- 13 A. No, I did not.
- 14 Q. Okay. The day-to-day management of the
- 15 plant, was that Mike Glasgow's deal?
- MR. STERN: Objection.
- 17 BY MR. RINGSTAD:
- 18 Q. Let me ask a better question.
- 19 Was Mike Glasgow the one who managed the
- 20 plant day-to-day?
- 21 A. Can you clarify "manage," I guess?
- 22 Q. Yeah. Was Mike Glasgow, in your
- 23 understanding in 2014, responsible for running the
- 24 plant daily?

- 1 MR. STERN: Objection.
- 2 BY MR. RINGSTAD:
- Q. You can answer. These objections are
- 4 interposed. It is just an attorney thing, so.
- 5 A. Oh, okay.
- 6 So it was kind of a weird situation
- 7 because Mike was the F1 holder, so he was responsible
- 8 for, like, reporting and making sure that, you know,
- 9 we were meeting all of the regulations, but he wasn't
- 10 the manager. That was Brent.
- So, like, Brent would have been
- 12 responsible for, like, budgetary things, personnel
- 13 things. So it was kind of -- it was a really weird
- 14 situation because you don't generally have an F1 not
- 15 sitting as your head person. So being the lab
- 16 supervisor, he was making the calls, I guess, for,
- 17 like, the treatment process, but he really, to my
- 18 knowledge, really wasn't involved too much with the,
- 19 like, budgetary stuff. I know he was involved in all
- of those meetings because he was the F1, but beyond
- 21 that I don't know how much power he had in those
- 22 meetings. Like, I -- I wasn't in those meetings with
- 23 them, so I don't know.
- 24 Q. Okay.

- 1 A. If that helps answer that question, I
- 2 guess.
- Q. It does. I had the treatment processes in
- 4 mind, if there were issues with treatment processes,
- 5 is Mike Glasgow the guy people in the plant would go
- 6 to?
- 7 A. Yes, yes.
- 8 MR. CONNORS: Object to form. Object to form.
- 9 BY MR. RINGSTAD:
- 10 Q. Did Mr. Glasgow have hiring and firing
- 11 authority over plant operators?
- MR. CONNORS: Objection.
- 13 BY THE WITNESS:
- 14 A. No.
- MR. CONNORS: Lacks foundation.
- 16 BY MR. RINGSTAD:
- Q. And you can answer. These objections will
- 18 come up occasionally.
- 19 A. Okay. No, no, he did not.
- Q. Okay. Did he have, to your understanding,
- 21 the power to decide which treatment processes would be
- 22 put in place in the plant?
- MR. CONNORS: Objection, lacks foundation, vague
- 24 and ambiguous.

- 1 MR. STERN: Objection.
- 2 MR. RINGSTAD: Okay. You can just say
- 3 "objection to form," that's been the case for like
- 4 three years now. So, and it just makes for a little
- 5 bit of a cleaner record and a smoother day.
- An objection by one is of course objection
- 7 by all for the rules that have been in place forever,
- 8 so just a reminder to counsel. But you can --
- 9 MR. STERN: If we can just -- if we can just --
- 10 if we can just address that for a second.
- MR. CONNORS: Well, I'm sure that the
- 12 objection --
- MR. RINGSTAD: No, let's just move on, Corey.
- 14 Let's move on.
- MR. CONNORS: No, you just put a statement on
- 16 the record. We can respond to your statement on the
- 17 record.
- Go ahead, Corey. You can respond. I'll
- 19 respond as well.
- MR. RINGSTAD: Okay. Respond. Respond, please.
- MR. STERN: When -- when --
- MR. RINGSTAD: Yeah, respond.
- MR. STERN: When counsel for Veolia claims that
- 24 an objection for one is an objection for all,

- 1 insinuating that something inappropriate was done, my
- 2 understanding is that Mr. Connors is on the West Coast
- 3 and I am on the East Coast, and I don't have any
- 4 expertise in telepathy or in mind reading, and so when
- 5 we simultaneously object, not only does it indicate
- 6 that it was a poor question because of the mileage
- 7 between us and our inability to read each other's
- 8 minds, but it also makes it difficult to know when the
- 9 other person is going to object.
- And so, yes, while an objection for one is
- an objection for all, simultaneous objections can't be
- 12 helped sometimes, espec- -- especially when a question
- is asked in such a poor way without foundation.
- MR. RINGSTAD: Anything else?
- MR. CONNORS: I'll say we'll -- we'll do our
- 16 best. It is hard sometimes on Zoom and sometimes we
- 17 talk over each other.
- MR. RINGSTAD: That's cool.
- MR. CONNORS: I understand you to say that if I
- 20 object to form I have got a broad objection to any
- 21 part of the question and I'm happy to object that way
- 22 based on what you said.
- MR. RINGSTAD: Yeah, that would be great.
- 24 Thanks. And thanks, Mr. Connors and Mr. Stern.

- 1 BY MR. RINGSTAD:
- 2 O. Let's move on.
- So, again, to repeat the question, did
- 4 Mr. Glasgow in 2014 have the power to decide which
- 5 treatments the water plant was implementing to your
- 6 understanding?
- 7 MR. STERN: Objection.
- 8 MR. CONNORS: Object to form.
- 9 BY THE WITNESS:
- 10 A. Yes, I -- I believe so, yes.
- 11 BY MR. RINGSTAD:
- 12 Q. Okay. So if a -- if a unit process was
- 13 desirable, Mr. Glasgow could have implemented it, is
- 14 that correct?
- MR. STERN: Objection.
- MR. CONNORS: Object to form.
- 17 BY THE WITNESS:
- 18 A. I don't think he could have just
- 19 implemented it. It would still have to go through the
- 20 processes of talking to, you know, Brent and then
- 21 going up to, like, the director level. It -- it
- 22 probably would have had a lot to do with cost as well.
- 23 BY MR. RINGSTAD:
- Q. Okay. So Mr. Glasgow, to your

- 1 understanding, could -- he could recommend unit
- 2 processes to be implemented or treatment changes to be
- 3 implemented, but there was a budgetary process and
- 4 there was -- there was higher review that he would
- 5 need to go through, is that correct?
- 6 A. Correct.
- 7 MR. STERN: Objection; form.
- 8 BY MR. RINGSTAD:
- 9 Q. All right. So at some point, Nicole, you
- 10 and the water plant staff learned that Flint was going
- 11 to stop receiving treated water from the DWSD or I'll
- 12 just call it Detroit, is that correct?
- 13 MR. STERN: Objection.
- 14 BY THE WITNESS:
- 15 A. Correct.
- 16 BY MR. RINGSTAD:
- 17 Q. Okay. When did you first learn that?
- 18 A. I -- I really don't recall exactly when.
- 19 Q. Just can you give us a general timeframe
- when you learned that?
- 21 A. I mean, we had talked about having the
- 22 opportunity to do that for years. I really don't
- 23 recall exactly when. I don't remember if it was the
- 24 end of 2013 or early 2014. I would -- I guess I

- 1 MR. STERN: Objection; form.
- 2 MR. CONNORS: Objection.
- 3 BY MR. RINGSTAD:
- 4 Q. Okay. And I think your answer was yes?
- 5 A. Yes.
- 6 Q. Okay. And the water plant staff generally
- 7 understood that any treatment that was implemented had
- 8 to meet the Michigan Safe Drinking Water Act, is that
- 9 correct?
- 10 MR. CONNORS: Objection; form.
- 11 BY THE WITNESS:
- 12 A. Correct. Anything we did had to -- was
- 13 regulated by the Michigan Safe Drinking Water Act.
- 14 BY MR. RINGSTAD:
- 15 Q. Okay. And that would include Michigan
- 16 LCR, Lead and Copper Rule compliance, correct?
- 17 MR. CONNORS: Objection.
- 18 BY THE WITNESS:
- 19 A. Correct.
- 20 BY MR. RINGSTAD:
- 21 O. And one decision that had to be made under
- 22 the Michigan Lead and Copper Rule for a public water
- 23 system like Flint's was -- was how to provide
- 24 corrosion control, is that correct?

- 1 MR. STERN: Objection to form.
- 2 MR. CONNORS: Objection.
- 3 BY THE WITNESS:
- 4 A. Correct.
- 5 BY MR. RINGSTAD:
- 6 Q. And that was the understanding of the --
- 7 of the water plant staff at the time, correct?
- 8 MR. CONNORS: Objection; form.
- 9 BY MR. RINGSTAD:
- 10 Q. You can answer.
- 11 A. It depends on the --
- 12 O. You can answer.
- 13 A. It depends on the staff.
- 14 O. Okay.
- 15 A. If you are very familiar with the -- you
- 16 know, with the regulations, like, I knew that that was
- 17 required, I'm sure that Mike knew that was required.
- 18 Would I say that our foreman or some of our operators
- 19 were under the understanding of that, maybe not. You
- 20 know, they just dealt with for years and years just
- 21 distribution pressures. They weren't really, you
- 22 know, very instrumental in the actual treatment
- 23 process, so would everybody that worked in the plant
- 24 think of that, probably not.

- Q. Okay. That's fair. I appreciate that.
- You said you're sure that Mike knew that.
- 3 Why are you sure that Mike knew that?
- 4 MR. CONNORS: Object to form.
- 5 BY THE WITNESS:
- 6 A. Him and I had had conversations about the
- 7 treatment process.
- 8 BY MR. RINGSTAD:
- 9 Q. Okay. And in the conversations about
- 10 treatment processes, the issue of corrosion control
- 11 came up?
- 12 A. Yes.
- 13 MR. STERN: Objection.
- 14 BY MR. RINGSTAD:
- Q. And these were conversations that occurred
- 16 prior to the -- the switch, so to speak?
- 17 A. Yes.
- 18 Q. Okay. And what were you and Mr. Glasgow
- 19 discussing in those conversations that you can recall
- 20 specifically?
- A. About corrosion control?
- 22 O. Yeah.
- 23 A. I just questioned why we hadn't added a
- 24 phosphate system yet.

- 1 Q. Okay.
- 2 And did -- did Mike have an answer for
- 3 that?
- 4 A. He did.
- 5 Q. And what was Mike or Mr. Glasgow's answer?
- 6 A. His answer was that because we were -- the
- 7 water coming in from Detroit was not lime softened,
- 8 right, because the Lake Huron is already within the
- 9 ppm limit that we were looking for, so we never had
- 10 to -- they never had to soften for us for that, but
- 11 the hardness level coming in from the river was so
- 12 high that we would be using lime softening, so -- and
- 13 my understanding of this at the time wasn't as good as
- 14 it is now, obviously, because my roles there and here
- are completely different, so I've learned a lot being
- 16 here, so now I understand more now what I didn't
- 17 understand then.
- 18 Q. Sure.
- 19 A. So the explanation that I recall, and this
- 20 may not be verbatim because this was almost ten years
- 21 ago, was that because we were adding lime now that we
- 22 had, like, a little bit of a buffer because the lime
- 23 should adhere to what we had in the phosphate already
- 24 in the -- in the system to create a layer, like a

- 1 crusty layer, so that way we had some time to get the
- 2 phosphate system in place, you know, before -- before
- 3 Karegnondi got in. So we had some time in that
- 4 timeframe because of the lime softening.
- 5 So that was supposed to help. And my
- 6 understanding is that's what he was told by DEQ in --
- 7 in their meetings and stuff when they were starting to
- 8 ramp up.
- 9 Q. Okay. So -- and I appreciate the -- the
- 10 comment that you made about, you know, what you know
- 11 now versus what you knew then. What's helpful to us,
- 12 as best you can recall what Mr. Glasgow told you, if
- 13 it's not verbatim, indicate that, I think you did, and
- 14 also what your understanding was at the time.
- 15 A. Correct.
- 0. So let me circle back to -- to your
- 17 testimony a little bit.
- 18 Am I understanding correctly that
- 19 Mr. Glasgow's explanation why phosphates would not be
- 20 added to Flint River water was that there were
- 21 existing phosphate scales in the system over which
- 22 carbonate deposition layer could be put because the
- 23 Flint River water was hard, is that correct?
- MR. STERN: Objection.

- 1 BY THE WITNESS:
- 2 A. Well, the lime -- the lime softening
- 3 process would, yes, because of the -- that portion of
- 4 the process, but Mr. Glasgow was also uncomfortable
- 5 with that explanation. That wasn't something he was
- 6 very comfortable with either. So that's why it became
- 7 a conversation between the two of us.
- 8 BY MR. RINGSTAD:
- 9 Q. So is it correct to say that Mr. Glasgow
- 10 conveyed to you that lime softening would be corrosion
- 11 control for Flint using the Flint River water?
- MR. CONNORS: Objection.
- 13 BY THE WITNESS:
- 14 A. I wouldn't say that he -- he conveyed it
- 15 as a corrosion control. I think it was conveyed to
- 16 him that it was, like, it could help until we could
- 17 get corrosion control.
- 18 BY MR. RINGSTAD:
- 19 Q. Okay. So the idea was to use that
- 20 strategy to get to the KWA water, is that right?
- 21 MR. STERN: Objection.
- 22 BY THE WITNESS:
- A. Not necessarily all of the way to KWA,
- 24 but, like, we had some time between that and KWA to

- 1 get that done. So I think the idea was that at some
- 2 point in those two years we get that system up and
- 3 running and get it moving before we ever got to KWA,
- 4 because obviously from the understanding I had then,
- 5 and this is my understanding of the conversation, was
- 6 that --
- 7 BY MR. RINGSTAD:
- 8 Q. Sure.
- 9 A. -- because KWA water was Lake Huron water
- 10 there would be no softening, and then so we would not
- 11 have that kind of buffer, I guess, anymore. So it
- 12 wasn't, like, we could wait until it came in, but it
- was, like, we have a little bit of time to get that in
- 14 between now and then, I guess.
- Okay. The plan was to eventually install
- 16 a phosphate feed though, is that right?
- 17 A. Yes. Yes.
- 18 MR. CONNORS: Objection.
- 19 MR. STERN: Objection. We -- we -- if it's
- 20 possible to be able to just have a moment before the
- 21 answer so that if we have an objection we can place it
- on the record, we would very much appreciate it.
- MR. RINGSTAD: Sure, yeah.
- 24 BY MR. RINGSTAD:

- Q. And -- and, Nicole, just to be clear,
- 2 painfully clear, that's a request to you. I'll try to
- 3 make for a clean ending to the question and if you can
- 4 just give a little pause, especially in light of
- 5 the -- the technical issues that we have had this
- 6 morning.
- 7 A. Okay.
- 8 Q. That would be appreciated by all,
- 9 especially the court reporter, I'm sure.
- 10 Okay. So let me -- let me get back to
- 11 that question.
- 12 The -- the plan, as you understood it from
- 13 talking to Mr. Glasgow, was that eventually phosphate
- 14 feed would be implemented for the City?
- MR. CONNORS: Objection.
- 16 BY THE WITNESS:
- 17 A. Yes, correct.
- 18 BY MR. RINGSTAD:
- 19 Q. Okay. And did I understand correctly that
- 20 that phosphate feed may have -- well, the plan was not
- 21 specific, let's put it this way, about whether that
- 22 phosphate feed would be for treating Flint River water
- or for KWA or Lake Huron water, is that correct?
- 24 MR. STERN: Objection.

- 1 BY THE WITNESS:
- 2 A. At that time I don't think that they had a
- 3 plan in place of exactly when, no.
- 4 BY MR. RINGSTAD:
- 5 Q. Okay. So it -- it could be that the
- 6 phosphate feed would be implemented in a year, in
- 7 which case it would likely be for Flint River water,
- 8 or it would be implemented in three years or two
- 9 years, in which case it would likely be for KWA water,
- 10 is that what you are saying?
- 11 MR. STERN: Objection.
- 12 MR. CONNORS: Objection.
- 13 BY THE WITNESS:
- 14 A. The conversations we had were before we
- 15 ever started running the plant. I don't know what the
- 16 actual plans were moving forward. These were just my
- 17 concerns that I brought to him and my questioning to
- 18 him.
- 19 BY MR. RINGSTAD:
- 20 Q. Okay.
- 21 A. After that, we really never talked about,
- 22 like, when that system was going to be added, so I
- 23 have no idea, like, when that was going to possibly be
- 24 added or what they had planned in any of their --

- 1 their meetings with the administrators, the directors,
- 2 you know, things like that. That was just me
- 3 questioning him when we -- when -- before we actually
- 4 started running.
- 5 Q. But you were aware from talking to
- 6 Mr. Glasgow that there was a plan for phosphate feed,
- 7 correct?
- 8 MR. STERN: Objection.
- 9 BY THE WITNESS:
- 10 A. Correct, yes.
- 11 BY MR. RINGSTAD:
- 12 Q. And the plant staff, just generally
- 13 speaking, understood what it would take to implement
- 14 the phosphate feed, just in terms of the pumps and
- 15 chemical storage and that kind of thing, is that -- is
- 16 that fair?
- 17 MR. CONNORS: Objection.
- 18 MR. STERN: Objection.
- 19 BY THE WITNESS:
- 20 A. I would say it would be fair if you're
- 21 talking about, like -- like uppers. I don't know how
- 22 much attention the rest of the plant really paid to
- 23 that kind of stuff.
- 24 BY MR. RINGSTAD:

- 1 Q. Okay. Got it.
- 2 And in 2014, early 2 -- 2014, was it your
- 3 understanding that phosphate feed would be
- 4 specifically for corrosion control?
- 5 MR. CONNORS: Objection.
- 6 MR. STERN: Objection.
- 7 BY THE WITNESS:
- 8 A. Yes.
- 9 BY MR. RINGSTAD:
- 10 Q. Okay. And was that Mr. Glasgow's
- 11 understanding as far as you could tell?
- 12 MR. STERN: Objection.
- 13 BY THE WITNESS:
- 14 A. I would assume, yes.
- 15 BY MR. RINGSTAD:
- 16 Q. Okay. And at that point, this is before
- 17 the switch to the Flint River, incoming Detroit water
- 18 was treated with phosphates, correct?
- 19 A. Correct.
- Q. Okay. And Mr. Glasgow, maybe others, were
- 21 tracking and monitoring phosphate levels for the City
- of Flint, is that correct?
- MR. STERN: Objection.
- 24 BY THE WITNESS:

- 1 A. That -- yes, I did the testing for the
- 2 phosphates.
- 3 BY MR. RINGSTAD:
- 4 Q. You did the testing for the phosphates,
- 5 okay.
- 6 A. Yes, I did.
- 7 Q. Okay. So, and that was -- was that a
- 8 daily test that you did for phosphate levels for
- 9 incoming Detroit water?
- 10 A. No. Water quality monitoring for us, if I
- 11 remember correctly, was a quarterly.
- 12 Q. Okay.
- 13 A. Prior to running the Flint River. That --
- 14 all of our sampling requirements changed when -- when
- 15 our water changed.
- 16 Q. Okay. All right.
- 17 And those -- those phosphate records
- 18 were -- were kept at the plant, is that correct?
- 19 A. Yes.
- 20 Q. Okay.
- 21 A. And they should -- and I believe they were
- 22 sent to the DEQ as well.
- Q. Okay. All right.
- 24 From your earlier comments, I gathered

- 1 that the water plant staff was aware that the use of
- 2 phosphates by Detroit water over the years would lead
- 3 to the development of phosphate based scales within
- 4 the distribution system.
- Is that fair to say?
- 6 MR. CONNORS: Objection.
- 7 BY THE WITNESS:
- 8 A. I would hope so because they were
- 9 licensed, but I -- I wouldn't know for sure that the
- 10 rest of the plant had an understanding of that.
- 11 BY MR. RINGSTAD:
- 12 Q. Right. Were you aware of that in 2014?
- 13 A. I was, yes.
- MR. CONNORS: Objection.
- 15 BY MR. RINGSTAD:
- 16 Q. Okay. Was Mr. Glasgow aware of it, to
- 17 your knowledge, it sounds like he was based on what
- 18 you said, but I just want to see what you have to say
- 19 about that?
- 20 MR. CONNORS: Objection.
- 21 MR. STERN: Object to form, move to strike.
- 22 BY MR. RINGSTAD:
- Q. You can answer.
- A. Yes, I would believe so, yes.

- 1 Q. Okay. Other than the conversation that
- 2 you had with Mr. Glasgow where he, you know,
- 3 referenced the -- the mechanism by which corrosion
- 4 would be controlled, the overlay of carbonates on top
- of phosphate scales, did you ever hear Mr. Glasgow
- 6 talk about, you know, phosphate-based scales or scale
- 7 formation in the distribution system in that time
- 8 period, 2014?
- 9 MR. STERN: Object to form.
- 10 BY THE WITNESS:
- 11 A. No.
- MR. STERN: Move to strike.
- 13 BY THE WITNESS:
- 14 A. No, I did not.
- MR. RINGSTAD: And, Counsel, this is a discovery
- deposition, I mean, by all indications, so I don't
- 17 know that motions to strike are going to get you
- 18 anywhere, but that's okay.
- MR. STERN: Move to strike.
- MR. CONNORS: And just to clarify, when you say
- 21 "this is a discovery deposition," what -- what are you
- 22 saying exactly about the deposition?
- MR. RINGSTAD: Jordan, let's just -- just --
- let's move on with the deposition, okay?

- 1 A. I assumed so, yes.
- Q. Okay. And why did you assume so?
- 3 A. Because I knew that was part of water
- 4 treatment. It was a test that I did on a regular --
- 5 you know, a regular quarterly basis, so I knew it was
- 6 important.
- 7 Q. Okay. So was that -- did that have
- 8 anything to do with the fact that Detroit had fed
- 9 phosphates or supplied water treatment with phosphates
- 10 over the years to Flint?
- 11 A. Yes, and I also understood the Lead and
- 12 Copper Rule, so I understand what phosphate was for.
- Q. And your -- your expectation didn't have
- 14 anything -- or didn't have any basis, I should say, in
- 15 any -- any engineering studies or corrosion control
- 16 studies or anything like that, is that fair?
- 17 A. Yeah, that's fair. No, just from my
- 18 knowledge of Safe Drinking Water Act and my testing
- 19 background, really.
- 20 Q. Okay. All right. I think you indicated
- 21 that the MDEQ communicated to water plant staff at
- 22 some point that the phosphate addition would not be
- 23 required for Flint, is that -- is that correct?
- A. No, I don't know that they indicated that

- 1 it would not be required for Flint.
- Q. Okay.
- 3 A. From me and Mike's conversation it was
- 4 more you have a little bit of a buffer of a time, and
- 5 when I asked him where he got that from, my
- 6 recollection is that somebody told him he had a little
- 7 bit of time. Never did I say that they just said we
- 8 didn't have to.
- 9 Q. Okay. Okay. So your understanding of
- 10 what MDEQ had communicated was that it was not --
- 11 phosphates were not immediately required for Flint?
- MR. STERN: Objection.
- 13 BY MR. RINGSTAD:
- 14 O. Is that correct?
- 15 A. Yeah, from my understanding.
- 16 Q. Okay.
- 17 A. I don't know that he used those words
- 18 exactly, but from -- that was the understanding I
- 19 gathered from our conversation.
- 20 Q. Okay. That's how you understood it at the
- 21 time.
- Did you ever see any regulatory
- 23 communications from MDEQ regarding phosphates or lack
- of phosphates for Flint? Do you recall anything like

- off on annual. About your inquiry of the effect of
- 2 treated flint river water on the distribution system,
- 3 I have heard different arguments. Personally, I don't
- 4 believe it will have much effect. It all depends on
- our final water quality (mostly pH and alkalinity).
- 6 Most likely we will have scale-forming water, and this
- 7 may lead to lots of scale build up in the system."
- And it goes on from there.
- 9 Do you see that?
- 10 A. I do.
- 11 Q. Do you recall having conversations with
- 12 Mr. Glasgow in late 2013 or early 2014 that he
- 13 believed that the water in the City of Flint would be
- 14 scale forming?
- MR. STERN: Objection.
- 16 BY THE WITNESS:
- 17 A. I kind of -- I believe that goes back to
- 18 his and I conversation I referenced earlier in our
- 19 conversations when I asked him why we weren't adding
- 20 phosphate and he talked to me about, you know, lime
- 21 softening and how that would create a scale.
- 22 So this kind of follows up with those
- 23 conversations -- that conversation him and I had with
- 24 that because that was kind of where the mindset was.

- 1 BY MR. ERICKSON:
- Q. And based on your conversations with
- 3 Mr. Glasgow and your own understanding, did you
- 4 understand that in order for the water to be -- to be
- 5 scale forming, that the City would have to be doing
- 6 lime softening?
- 7 A. Yes.
- 8 MR. STERN: Objection. I'd like a standing
- 9 objection as to any questions that would involve
- 10 expert testimony.
- MR. ERICKSON: I -- I don't have a problem with
- 12 the standing objection, but I just want to note that I
- 13 was just asking her for her understanding.
- MR. STERN: I hear you. Experts have a lot of
- 15 understandings.
- 16 BY MR. ERICKSON:
- 17 Q. Do you recall having any conversations
- 18 with Mr. Glasgow at any time in 2013 or 2014 about a
- 19 concern that the use of phosphates may, quote, lead to
- lots of scale buildup in the system?
- 21 A. The use of phosphates, no, I never had a
- 22 conversation like that.
- Q. The next sentence, which I didn't read
- 24 before, goes on to say:

- 1 Mr. Rosenthal, he says that the City doesn't have to
- 2 monitor because they are not using phosphates,
- 3 correct?
- 4 A. That's what I'm reading, yes.
- 5 Q. Okay. Earlier today I showed you an
- 6 exhibit from March of 2014 where Mr. Glasgow stated to
- 7 Mr. Hill that he was planning to use phosphates
- 8 corrosion -- for corrosion control.
- 9 Do you remember that?
- 10 A. Yep.
- 11 Q. Do you know what changed between March 26
- 12 and mid-June of 2014?
- MR. STERN: Objection; misstates testimony, it's
- 14 not the full picture.
- 15 Phil, there was trial testimony about
- 16 this. Are you going to show her his trial testimony?
- 17 MR. ERICKSON: Object to the speaking objection
- 18 and move to strike.
- 19 BY MR. ERICKSON:
- Q. Do you understand the question,
- 21 Ms. Alexander?
- 22 A. You are basically asking me at what point
- 23 did Mike decide that we were adding phosphate?
- Q. My question is: Do you know what changed

- 1 between Mr. Glasgow's e-mail in March, late March
- of 2014 and this e-mail in mid-June of 2014?
- 3 MR. STERN: I object to the entire line of
- 4 questioning. It misstates testimony, it assumes facts
- 5 that are not just -- it assumes facts contrary to the
- 6 evidence.
- 7 MR. CONNORS: I join and I object to lack of
- 8 foundation.
- 9 BY MR. ERICKSON:
- 10 Q. Ms. Alexander, do you understand the
- 11 question?
- 12 A. You are basically asking me what changed
- 13 from his e-mail that he sent with his concerns or the
- 14 e-mail he sent to Mr. Hill saying that phosphates
- would be added, to this e-mail stating that there is
- 16 no phosphates added, correct?
- 17 Q. Correct, the latter -- the last thing you
- 18 said is what I intend to ask.
- 19 A. Okay. Right.
- MR. CONNORS: Same objections.
- 21 BY THE WITNESS:
- 22 A. And again, there was never anything that
- 23 said that we were not ever going to add phosphates
- 24 again. We had a delay and we knew that the phosphate

- 1 system had to be in at some point before Karegnondi
- 2 because Karegnondi water would not be softened so
- 3 Karegnondi water would not have the same scaling
- 4 effect our Flint River water would have.
- And as I stated earlier, I don't know what
- 6 the timeframe that was given to us or suggested would
- 7 be for that to happen. So this is only a few months
- 8 after we started, so at that point obviously we were
- 9 not adding it yet, but I don't know when that
- 10 timeframe was that we were given to have to have it
- in. So if it's not there, you know, I just knew
- 12 before Karegnondi.
- 13 Q. All right. I --
- MR. ERICKSON: Well, you can go ahead and take
- 15 this exhibit down. I'm almost done. I have a few
- 16 more questions.
- In -- well, you know what, let's put up
- 18 what was previously marked as Johnson 88. It is an
- 19 e-mail from February of 2015.
- 20 (WHEREUPON, a certain document was
- 21 marked Nicole Alexander Deposition
- 22 Exhibit No. 16, for identification,
- as of 10/27/2022.)
- 24 BY MR. ERICKSON: